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Type 1 Progress Report for Period May 30 to July 31, 1972

Title: Identification and Interpretation of Tectonic Features from
ERTS-A Imagery.

NASA Contract No. NAS5-21767

GSFC ID number: PR001 Dr. Monem Abdel-Gawad, Principal Investigator.

Problems: No ERTS imagery has been received so far and of course was
not expected.

Accomplishments: Data logging procedures were established. Earthquake
epicenter data for Arizona were acquired and incor-
porated in the computer file. Dry runs of earthquake
epicenter plotting of newly acquired seismic data were
made successfully on two Apollo-9 photographs of
southwestern Arizona.

Plans for next period: We plan to select from the acquired imagery of
the U.S. Southwest some seismically active areas,
plot known earthquake epicenters on overlays
corresponding to the geometry of the imagery and
correlate the distribution of earthquakes with the
observed fault pattern.

Significant Results: None.

Published Articles: None.

Recommendations: No change in plans.

Standing Order Forms: No change.

Descriptor Forms: Not applicable to this reporting period.

Retrospective Data Request Forms: None submitted.

(E72-10029) IDENTIFICATION AND
INTERPRETATION OF TECTONIC FEATURES FROM
ERTS-A IMAGERY Progress Report, 30 May -
31 Jul. M. Abdel-Gawad (North American
Rockwell Corp.) 31 Jul. 1972 1 p CSCL 08G G3/13

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